Coastal AgroBusiness, Inc.

Product Label

POWER K Quantum SDS

20-0-8

Guaranteed Analysis:

Nitrogen 20.0%

(8% Urea Nitrogen, 12% other Water Soluble Nitrogen)

Soluble Potash (K_2O) 8.0%

Plant Nutrient Sources Derived From:

Potassium Acetate, Urea, Methylene Urea, and Triazone

Weight per gallon: 10.55 lbs.

CAUTION

KEEP OUT OF REACH OF CHILDREN

Read the entire label for additional precautionary statements.

Manufactured By:
Coastal AgroBusiness, Inc.
Kinston, North Carolina

GENERAL INFORMATION

Quantum Power K 20-0-8 is a chloride-free, clear liquid solution, containing 20% N and 8% potash. Each gallon of **Quantum Power K 20-0-8** contains 2.11 pounds of nitrogen and 0.85 pounds of potash. **Quantum Power K 20-0-8** may be applied by drip, sprinkler, or flood irrigation. It may be blended with other fertilizers or applied as a foliar treatment on selected crops. When used as a foliar fertilizer, **Quantum Power K 20-0-8** should first be diluted with water before applying. Blends of **Quantum Power K 20-0-8** should not be acidified below a pH of 6.0.

PRECAUTIONARY STATEMENTS / HAZARDS TO HUMANS

CAUTION. Harmful if swallowed, inhaled, or absorbed through skin. Can cause skin, mucous membrane, and eye irritation. Avoid contact with eyes, skin, or clothing. Wear suitable gloves and face shield when handling this product. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Do not apply this product in a manner as to directly or through drift expose workers or other persons. Always read and follow product labeling.

FIRST AID

If swallowed: Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

If in eyes: Flush eyes with copious amounts of clean water for at least 15 minutes. Remove contacts if present, and easy to do. Do not let the victim rub their eye. Get medical attention.

If on skin: Remove contaminated clothing and wash skin with soap and water. If irritation develops, get medical attention.

If inhaled: Remove the person from the area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if a qualified operator is available. Seek medical attention.

NOTE: If contact is made with a spray solution containing pesticides, follow the "First Aid" statements on the pesticide label.

STORAGE AND DISPOSAL

Do not store near heat or open flame. Store in original container only. Keep container closed when not in use. Keep from freezing. If damaged or leaking, soak up with absorbent material and place in a suitable container for disposal. Transfer remaining product to a suitable container for storage and label.

Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water by runoff from equipment wash waters or spray materials. Wastes resulting from this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

AGRICULTURAL USE REQUIREMENTS AND USER SAFETY RECOMMENDATIONS

When used in conjunction with pesticides, consult the pesticide manufacturer's label for worker protection recommendations. Use of waterproof gloves and protective eyewear is recommended when handling this product.

DIRECTIONS FOR USE

Quantum Power K 20-0-8 may be applied to a wide variety of agricultural crops. Potassium requirements for most crops increase dramatically during periods of rapid growth and fruit development. Application of **Quantum Power K 20-0-8** should be made based on soil and/or plant tissue analysis for potassium.

CAUTION: Plant and leaf injury may occur on some crops when certain weather and growing conditions are present. User assumes all risks of use and handling.

FOLIAR APPLICATION

Application rates are for the crops listed below. For recommendations regarding crops not listed, contact your local Coastal Solutions Advisor. **Quantum Power K 20-0-8** may be applied by ground or air. **Quantum Power K 20-0-8** contains triazone and methylene urea-based slow-release liquid nitrogen to improve the foliar absorption of potassium.

Aerial application: 2 to 5 quarts of **Quantum Power K 20-0-8** per acre in 3 to 10 gallons of water spray solution.

Ground application: 2 to 8 quarts of **Quantum Power K 20-0-8** per acre.

APPLICATION/CROP	NOTES
Corn	Apply at V4-V6. Application may also be made just prior to tasseling and second application in 7 to 10 days.
Cotton	Begin treatments the second week of bloom, apply 4 to 8 quarts per acre of **Quantum Power K 20-0-8** by ground applicator every 7 to 10 days for 3 or 4 applications.
Soybeans	Apply at R1 and again in 10-14 days.
Potatoes	Apply at tuber initiation; apply second application in 2 to 3 weeks and third application at tuber bulking.
Small Grains	Apply at tillering to early boot stage.
Alfalfa	Apply at crown green-up or on re-growth after cutting.
Tomatoes	Begin at fruit set and apply every 7 to 14 days.
Peas and Lentils	Apply during late bud to 10% bloom.
Vines	Begin 2 weeks after bloom. Apply 2 to 4 quarts of **Quantum Power K 20-0-8** per acre in a minimum of 50 gallons of water. Repeat treatment in 7 to 10 days.

FERTIGATION

Suggested Rates:

APPLICATION/CROP	NOTES
Flood and Furrow Irrigation on Trees and Vines	Apply 5 to 10 gallons per acre per application beginning at full leaf, schedule as needed.
Vegetable and Row crops	Apply 5 to 10 gallons per acre per application; make second application based on crop requirements.
Sprinkler Irrigation on Vegetable and Row Crops	Beginning at 3rd to 4th leaf stage, apply 2 to 8 gallons per acre per application every 10 to 14 days based on crop requirements. After injection, allow enough irrigation time to rinse the plants of any residual fertilizer.
Trees (Overhead)	Apply 3 to 5 gallons per acre per application every 10 to 14 days based on crop requirements.
Trees (Under)	Apply 5 to 15 gallons per acre per application every 10 to 14 days based on crop requirements.
Vines	Apply 3 to 5 gallons per acre per application every 10 to 14 days based on crop requirements.
Center Pivot on Vegetable and Row crops	Apply 2 to 5 gallons per acre per application as needed based on crop requirements.
Drip Irrigation on Vegetable and Row Crops	Apply 3 to 5 gallons per acre per application, 2 to 4 times during the growing season.
Young Trees and Vines	Apply 2 to 8 gallons per acre during the season when roots are actively growing.
Mature Trees and Vines	Apply 3 to 12 gallons per acre per application, 1 to 2 times during the season when roots are actively growing.

APPLICATION NOTES

- Do not apply with oil sprays
- Be sure to check other manufacturers' labels concerning oil treatment spray guidelines and foliar nutrient applications
- Do not apply to foliage of any crop when temperatures are above 90˚ F. Apply early morning or late evening.
- When mixing **Quantum Power K 20-0-8** or any liquid fertilizer with crop protection products, always keep agitators running during filling and spraying operations. Failure to maintain agitation may case separation of products, resulting in uneven spray application.
- Do not apply with knife injectors or other types of fertilizer injecting equipment that may cause root pruning.
- Sprinkler application of **Quantum Power K 20-0-8** and other liquid fertilizers over an established crop may cause foliar injury to a crop if: injection period is short enough to cause an excessive amount of fertilizer to accumulate on the leaves, temperatures are above 90˚ F

and humidity less than 30%, fertilizer rates are higher than recommended, irrigation pump breaks down during or immediately after injecting fertilizer, and/or any combination of these conditions.

- Crop injury may result from unusual weather conditions, failure to follow label directions, or improper application practices, all of which are out of control of the manufacturer or seller. The directions on this label are believed to be reliable and should be followed carefully.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS

SHAKE WELL BEFORE USE

KEEP FROM FREEZING

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions contained on this label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to damage to plants, crops, and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.